ALPHABETICAL INDEX BY AUTHOR'S NAME

Aller, Robert C.: The sedimentary Mn cycle in Long Island Sound: Its role as intermediate oxidant and the influence of bioturbation, O_2, and C_{org} flux on diagenetic reaction balances. 259.

Aller, Robert C.: See Ming-Yi Sun, Robert C. Aller and Cindy Lee.

Bianchi, Alejandro A.: See Keitapu Maamaatuaiahutapu, Véronique C. Garcon, Christine Provost, Mostefa Boulahdid and Alejandro A. Bianchi.

Bidlot, Jean-Raymond: See Melvin E. Stern and Jean-Raymond Bidlot.

Børsheim, K. Y.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.

Boudreau, Bernard P. and Roberta L. Marinelli: A modelling study of discontinuous biological irrigation. 947.

Boulahdid, Mostefa: See Keitapu Maamaatuaiahutapu, Véronique C. Garcon, Christine Provost, Mostefa Boulahdid and Alejandro A. Bianchi.

Branch, George M.: See Rachel P. Wynberg and George M. Branch.

Cane, Mark A.: See Alexander Krupitsky and Mark A. Cane.

Claustre, Hervé, Philippe Kerhervé, Jean Claude Marty, Louis Prieur, Christianne Videau and Jean-Henri Hecq: Phytoplankton dynamics associated with a geostrophic front: Ecological and biogeochemical implications. 711.

Connors, D. N.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.

Csanady, G. T.: Vortex pair model of Langmuir circulation. 559.

Csanady, G. T.: See Sang-Ki Lee and G. T. Csanady.

Depledge, Michael H.: See Thomas L. Forbes, Valery E. Forbes and Michael H. Depledge.

DiBacco, Claudio: See Lisa A. Levin, Elana L. Leithold, Thomas F. Gross, Cynthia L. Huggett and Claudio DiBacco.

Durrie de Madron, X. and G. Weatherly: Circulation, transport and bottom boundary layers of the deep currents in the Brazil Basin. 583.

Ehrenmark, Ulf Torsten: Set-down computations over an arbitrarily inclined plane bed. 983.

Forbes, Thomas L., Valery E. Forbes and Michael H. Depledge: Individual physiological responses to environmental hypoxia and organic enrichment: Implications for early soft-bottom community succession. 1081.

Forbes, Valery E.: See Thomas L. Forbes, Valery E. Forbes and Michael H. Depledge.

Fritz, Lowell W.: See Richard A. Lutz, Michael J. Kennish, Alan S. Pooley and Lowell W. Fritz.

Fuller, Charlotte M.: Effects of porewater hydrogen sulfide on the feeding activity of the subsurface deposit-feeding polychaete, *Clymenella torquata*, Leidy. 1101.

Garcon, Véronique C.: See Keitapu Maamaatuaiahutapu, Véronique C. Garcon, Christine Provost, Mostefa Boulahdid and Alejandro A. Bianchi.

Garrett, Chris: See Hans van Haren, Neil Oakey and Chris Garrett.

Gough, William A. and William J. Welch: Parameter space exploration of an ocean general circulation model using an isopycnal mixing parameterization. 773.

Grassle, J. F.: See P. V. R. Snelgrove, J. F. Grassle and R. F. Petrecca.

Griffa, Annalisa: See Enrico Zambianchi and Annalisa Griffa.
Gross, Thomas F.: See Lisa A. Levin, Elana L. Leithold, Thomas F. Gross, Cynthia L. Huggett and Claudio DiBacco.
Gupta, Sanjay, Darcy J. Lonsdale and Dong-Ping Wang: The recruitment patterns of an estuarine copepod: A biological-physical model. 687.
Hansen, Jorgen L. S.: See Thomas Kiørboe, Claus Laundsgaard, Michael Olesen and Jorgen L. S. Hansen.
Hay, Alex E.: See M. White and Alex E. Hay.
Hecq, Jean-Henri: See Hervé Claustre, Philippe Kerhervé, Jean Claude Marty, Louis Prieur, Christianne Videau and Jean-Henri Hecq.
Hitchcock, G. L., T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork: Signatures of stirring and mixing near the Gulf Stream front. 797.
Huggett Cynthia L.: See Lisa A. Levin, Elana L. Leithold, Thomas F. Gross, Cynthia L. Huggett and Claudio DiBacco.
Ingram, R. G.: See R. F. Marsden, R. Paquet and R. G. Ingram.
Ingram, R. G.: See R. F. Marsden, R. G. Ingram and L. Legendre.
Johnson, Gregory C., Daniel L. Rudnick and Bruce A. Taft: Bottom water variability in the Samoa Passage. 177.
Kennish, Michael J.: See Richard A. Lutz, Michael J. Kennish, Alan S. Pooley and Lowell W. Fritz.
Kerhervé, Philippe: See Hervé Claustre, Philippe Kerhervé, Jean Claude Marty, Louis Prieur, Christianne Videau and Jean-Henri Hecq.
Kester, Dana: See William L. Miller and Dana Kester.
Kiørboe, Thomas, Claus Lundsgaard, Michael Olesen and Jorgen L. S. Hansen: Aggregation and sedimentation processes during a spring phytoplankton bloom: A field experiment to test coagulation theory. 297.
Krupitsky, Alexander and Mark A. Cane: On topographic pressure drag in a zonal channel. 1.
Kunze, Eric: A proposed flux constraint for salt fingers in shear. 999.
Lee, Cindy: See Ming-Yi Sun, Robert C. Aller and Cindy Lee.
Lee, Dong-Kyu, Peter Niiler, Alex Warn-Varnas and Steve Piacsek: Wind-driven secondary circulation in ocean mesoscale. 371.
Lee, Sang-Ki and G. T. Csanady: Instability waves in the Gulf Stream front and its thermocline layer. 837.
Legendre, L.: See R. F. Marsden, R. G. Ingram and L. Legendre.
Leithold, Elana: See Lisa A. Levin, Elana L. Leithold, Thomas F. Gross, Cynthia L. Huggett and Claudio DiBacco.
Lessard, E. J.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.
Levin, Lisa A., Elana L. Leithold, Thomas F. Gross, Cynthia L. Huggett and Claudio DiBacco: Contrasting effects of substrate mobility on infaunal assemblages inhabiting two high-energy settings on Fieberling Guyot. 489.
Levine, E. R.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.
Lillibridge III, J. L.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.
Lonsdale, Darcy J.: See Sanjay Gupta, Darcy J. Lonsdale and Dong-Ping Wang.
Lundsgaard, Claus: See Thomas Kiørboe, Claus Lundsgaard, Michael Olesen and Jorgen L. S. Hansen.
Lutz, Richard A., Michael J. Kennish, Alan S. Pooley and Lowell W. Fritz: Calcium carbonate dissolution rates in hydrothermal vent fields of the Guaymas Basin. 969.

Maamaatuaiahutapu, Keitapu, Véronique C. Garcon, Christine Provost, Mostefa Boulahdid and Alejandro A. Bianchi: Spring and winter water mass composition in the Brazil-Malvinas Confluence. 397.
MacCready, Parker: Frictional decay of abyssal boundary currents. 197.
Marinelli, Roberta L.: See Bernard P. Boudreau and Roberta L. Marinelli.
Marsden, R. F., R. Paquet and R. G. Ingram: Currents under land-fast ice in the Canadian Arctic Archipelago Part 1: Vertical velocities. 1017.
Marsden, R. F., R. G. Ingram and L. Legendre: Currents under land-fast ice in the Canadian Arctic Archipelago Part 2: Vertical mixing. 1037.
Marty, Jean Claude: See Hervé Claustre, Philippe Kerhervé, Jean Claude Marty, Louis Prieur, Christianne Videau and Jean-Henri Hecq.
McCartney, Michael S.: See Mizuki Tsuchiya, Lynne D. Talley and Michael S. McCartney.
McCleave, James D.: See Michael J. Miller and James McCleave.
Miller, Michael J. and James D. McCleave: Species assemblages of leptocephali in the Subtropical Convergence Zone of the Sargasso Sea. 743.
Miller, William L. and Dana Kester: Photochemical iron reduction and iron bioavailability in seawater. 325.
Mork, M.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.
Niiler, Peter: See Dong-Kyu Lee, Peter Niiler, Alex Warn-Varnas and Steve Piacsek.
Oakey, Neil: See Hans van Haren, Neil Oakey and Chris Garrett.
Olesen, Michael: See Thomas Kiørboe, Claus Lundsgaard, Michael Olesen and Jorgen L. S. Hansen.
Olmez, Ilhan: See Robert A. Wheatcroft, Ilhan Olmez and Francis X. Pink.
Paquet, R.: See R. F. Marsden, R. Paquet and R. G. Ingram.
Petrecca, R. F.: See P. V. R. Snelgrove, J. F. Grassle and R. F. Petrecca.
Piacsek, Steve: See Dong-Kyu Lee, Peter Niiler, Alex Warn-Varnas and Steve Piacsek.
Pineda, Jesús: Internal tidal bores in the nearshore: Warm-water fronts, seaward gravity currents and the onshore transport of neustonic larvae. 427.
Pink, Francis X.: See Robert A. Wheatcroft, Ilhan Olmez and Francis X. Pink.
Pooley, Alan S.: See Richard A. Lutz, Michael J. Kennish, Alan S. Pooley and Lowell W. Fritz.
Prieur, Louis: See Hervé Claustre, Philippe Kerhervé, Jean Claude Marty, Louis Prieur, Christianne Videau and Jean-Henri Hecq.
Provost, Christine: See Keitapu Maamaatuaiahutapu, Véronique C. Garcon, Christine Provost, Mostefa Boulahdid and Alejandro A. Bianchi.
Reed, R. K. and P. J. Stabeno: Flow along and across the Aleutian Ridge. 639.
Rooth, Claes: See Lian Xie and Claes Rooth.
Rossby, T.: See G. L. Hitchcock, T. Rossby, J. L. Lillibridge III, E. J. Lessard, E. R. Levine, D. N. Connors, K. Y. Børsheim and M. Mork.
Rudnick, Daniel L.: See Gregory C. Johnson, Daniel L. Rudnick and Bruce A. Taft.
Salmon, Rick: Generalized two-layer models of ocean circulation. 865.
Sharples, Jonathan and Paul Tett: Modelling the effect of physical variability on the midwater chlorophyll maximum. 219.
Snelgrove, P. V. R., J. F. Grassle and R. F. Petrecca: Macrofaunal response to artifical enrichments and depressions in a deep-sea habitat. 345.
Spall, Michael A.: Wave-induced abyssal recirculations. 1051.
Stabeno, P. J.: See R. K. Reed and P. J. Stabeno.
Stern, Melvin E. and Jean-Raymond Bidlot: Lateral entrainment in baroclinic currents. 25.
Sun, Ming-Yi, Robert C. Aller and Cindy Lee: Spatial and temporal distributions of sedimentary chloropigments as indicators of benthic processes in Long Island Sound. 149.
Taft, Bruce A.: See Gregory C. Johnson, Daniel L. Rudnick and Bruce A. Taft.
Talley, Lynne D.: See Mizuki Tsuchiya, Lynne D. Talley and Michael S. McCartney.
Tett, Paul: See Jonathan Sharples and Paul Tett.

Tsuchiya, Mizuki, Lynne D. Talley and Michael S. McCartney: Water-mass distributions in the western South Atlantic: A section from South Georgia Island (54S) northward across the equator. 55.
Vallis, Geoffrey K.: See Jian Wang and Geoffrey K. Vallis.
van Haren, Hans, Neil Oakey and Chris Garrett: Measurements of internal wave band eddy fluxes above a sloping bottom. 909.
Videau, Christianne: See Hervé Claustre, Philippe Kerhervé, Jean Claude Marty, Louis Prieur, Christianne Videau and Jean-Henri Hecq.
Wang, Dong-Ping: See Sanjay Gupta, Darcy J. Lonsdale and Dong-Ping Wang.
Wang, Jian and Geoffrey K. Vallis: Emergence of Fofonoff states in inviscid and viscous ocean circulation models. 83.
Wang, Liping: A linear homogeneous model for topographic control of the Antarctic Circumpolar Current. 649.
Warn-Varnas, Alex: See Dong-Kyu Lee, Peter Niiler, Alex Warn-Varnas and Steve Piacsek.
Weatherly, G. See X. Durrieu de Madron and G. Weatherly.
Welch, William J.: See William A. Gough and William J. Welch.
Wheatcroft, Robert A., Ilhan Olmez and Francis X. Pink: Particle bioturbation in Massachusetts Bay: Preliminary results using a new deliberate tracer technique. 1129.
White, M. and Alex E. Hay: Dense overflow into a large silled embayment: Tidal modulation, fronts and basin modes. 459.
Wynberg, Rachel P. and George M. Branch: Disturbance associated with bait-collection for sandprawns (*Callianassa kraussi*) and mudprawns (*Upogebia africana*): Long-term effects on the biota of intertidal sandflats. 523.
Xie, Lian and Claes Rooth: The effect of current-induced stress perturbation in a coupled atmosphere-ocean model. 239.
Zambianchi, Enrico and Annalisa Griffa: Effects of finite scales of turbulence on dispersion estimates. 129.

The Journal of Marine Research is part of the Sears Foundation for Marine Research, founded in 1937 by A. E. Parr as a result of a gift to Yale University by Henry Sears. The Sears Foundation for Marine Research Fund is administered by Yale University as part of its nonprofit operation. Income is used solely for the purpose of publishing and improving the quality of the Journal for the benefit of its readers.

Printed in U.S.A. for the Sears Foundation for Marine Research.
Yale University, New Haven, Connecticut, 06520-8109, U.S.A.
Science Press, Ephrata, Pennsylvania, 17522-0497, U.S.A.